

## **AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application.

### **Listing of Claims**

1. (Original) A method comprising comparing a FTMS peak profile of a first biological sample derived from cells that have not been exposed to a candidate bioactive agent to an FTMS peak profile of a second biological sample derived from a cell that has been exposed to said candidate bioactive agent.
2. (Original) A method comprising:
  - a) contacting a first population of cells with a first candidate bioactive agent;
  - b) subjecting said first population of cells to FTMS analysis to obtain a first peak profile; and
  - c) comparing said first profile to a reference profile from said first population of cells in the absence of said first agent.
3. (Original) A method comprising subjecting a first population of cells to FTMS analysis to obtain a first peak profile comprising a plurality of peaks, wherein at least two peaks correspond to different types of biomolecules.
4. (Original) A method according to claim 3 wherein said different types of biomolecules comprise proteins and metabolites.
- 5-22. (Canceled)